CLAIMS

What is claimed is:

1 1.   A method for managing communication between distributed objects, comprising the

2   steps of:

3   a client downloading an interface description that conforms to an interface description

4   language, wherein said interface description describes a first set of methods

5   that may be invoked by a first object to invoke a second set of methods of a

6   second object, wherein said second object may be accessed by said client

7   through a network;

8   said client examining said interface description and access policy data to generate one

9   or more executable proxy objects that implement said first set of methods and

10   that allow said client to call a particular method of said first set of methods in

11   order to invoke a corresponding method of said second set of methods;

12   wherein said access policy data defines parameters that govern access between said

13   client and other objects that may be accessed by said client over said network;

14   said client instantiating said first object on said client; and

15   said one or more executable objects governing access between said first object and

16   said second object based on said access policy data.

1 2.   A method for managing communication between distributed objects, comprising the

2   steps of:

3   a client downloading an interface description that conforms to an interface description

4   language, wherein said interface description describes a first set of methods

5   that may be invoked by a first object to invoke a second set of methods of a

6   second object, wherein said first object may be accessed by said client through

7   said network;

8   said client examining said interface description and access policy data to

9   generate one or more executable proxy objects that implement said

10   first set of methods and that allow said first object to call a particular

11   method of said first set of methods in order to invoke a corresponding

12   method of said second set of methods;

13   wherein said access policy data defines parameters that govern access between

14   said client and other objects that may be accessed by said client over a

15   network;

16   said client instantiating said second object on said first client; and

17   said one or more executable objects governing access between said first object

18   and said second object based on said access policy data.

1   3.   A computer-readable medium carrying one or more sequences of instructions for

2   managing communication between distributed objects, wherein execution of the one

3   or more sequences of instructions by one or more processors causes the one or more

4   processors to perform the steps of:

5   a client downloading an interface description that conforms to an interface

6   description language, wherein said interface description describes a

7   first set of methods that may be invoked by a first object to invoke a

8   second set of methods of a second object, wherein said second object

9   may be accessed by said client through a network;

10   said client examining said interface description and access policy data to

11   generate one or more executable proxy objects that implement said

12   first set of methods and that allow said client to call a particular

13   method of said first set of methods in order to invoke a corresponding

14   method of said second set of methods;

15   wherein said access policy data defines parameters that govern access between

16   said client and other objects that may be accessed by said client over

17   said network;

18   said client instantiating said first object on said client; and

19   said one or more executable objects governing access between said first object

20   and said second object based on said access policy data.

1   4.   A computer-readable medium carrying one or more sequences of instructions for

2   managing communication between distributed objects, wherein execution of the one

3   or more sequences of instructions by one or more processors causes the one or more

4   processors to perform the steps of:

5   a client downloading an interface description that conforms to an interface

6   description language, wherein said interface description describes a

7   first set of methods that may be invoked by a first object to invoke a

8   second set of methods of a second object, wherein said first object may

9   be accessed by said client through said network;

10   said client examining said interface description and access policy data to

11   generate one or more executable proxy objects that implement said

12   first set of methods and that allow said first object to call a particular

13   method of said first set of methods in order to invoke a corresponding

14   method of said second set of methods;

15   wherein said access policy data defines parameters that govern access between

16   said client and other objects that may be accessed by said client over a

17   network;

18   said client instantiating said second object on said first client; and

19   said one or more executable objects governing access between said first object

20   and said second object based on said access policy data.